Figure 1A

1		60
61		120
121		180
181		240
241		300
301		360
361 1		420 1
421 2		480 21
481 22	AGCAATTGCACTCATCATTGGCTTTTGGTATTTCAGGGAGACACTCCATCACAGTCACTAC A I A L I I G F G I S G R H S I T V T T	5 4 0 41
541 42		600 61
601 62	CATCAAACTTTCTGATATCGTGATACAATGGCTGAAGGAAG	660 81
661 82		720 101
721 102		780 121
	ACTCACAGATGCTGGCACCTACAAATGTTATATCATCACTTCTAAAGGCAAGGGGAATGC L T D A G T Y K C Y I I T S K G K G N A	840 141
	TAACCTTGAGTATAAAACTGGAGCCTTCAGCATGCCGGAAGTGAATGTGGACTATAATGC N L E Y K T G A F S M P E V N V D Y N A	900 161
		960 181
		1020 201

Figure 1B

1021 202	GAACTCTGAGAATGTGACCATGAAGGTTGTGTCTGTGCTCTACAATGTTACGATCAACAA N S E N V T M K V V S V L Y N V T I N N	1080 221
1081 222	CACATACTCCTGTATGATTGAAAATGACATTGCCAAAGCAACAGGGGATATCAAAGTGAC T Y S C M I E N D I A K A T G D I K V T	1140 241
1141 242	AGAATCGGAGATCAAAAGGCGGAGTCACCTACAGCTGCTAAACTCAAAGGCTTCTCTGTG E S E I K R R S H L Q L L N S K A S L C	1200 261
1201 262		1260 281
1261 282		1320 283
1321		1380
1381	ATCTAGAAGTCTGGAGTGAGCAAACAAGAGCAAAAGCAGAAGCAGAAGCAGAAG	1440
1441		1500
1501		1560
1561		1620
1621		1680
1681		1740
1741		1800
1801		1860
1861		1920
1921		1980
1981		2040
2041		2100
2101	. ACCTCAGTTTTCAATAGCATCTAGAGCAGTGGGACTCAGCTGGGGTGATTTCGCCCCCCA	2160
2161		2220

Figure 1C

2221	CAGTGCTACTACCAACTAGTGGATAAAGGCCAGGGATGCTGCTCAACCTCCTACCATGTA	2280
2281		2340
2341		2400
2401		2460
2461		2520
2521		2580
2581		2640
2641		2700
2701		2760
2761		2820
2821		2880
2881		2940
2941		3000
3001	GAGTCGTATTACAATTCACTGGCCGTCGTTTTACAACGTCGTGACTGGGAAAACCCTGGC	3060
3061	GTTACCCAACTTAATCGCCTTGCAGCACATCCCCCTTTCGCCAGCTGGCGTAATAGCGAA	3120
3121	GAGGCCCGCACCGATCGCCCTTCCCAACAKTTGCGCAGCCTGAATGGCGAATGGCAAATT	3180
3181	GTAAGCGTTAATATTTTGTTAAAATTCGCGTTAAATTTTTGTTAAATCAGCTCATTTTT	3240
3241		3300
3301		357

Figure 2

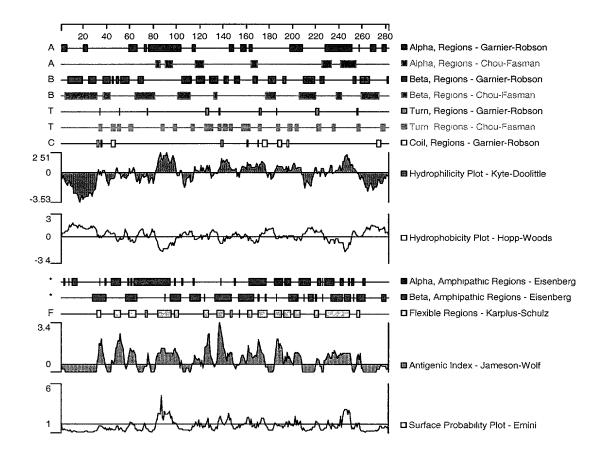


Figure 3A

1		60
61		120
121		180
181		240
241		300 10
301 11	GAATTGCAGCTTCACCAGATAGCAGCTTTATTCACAGTGACAGTCCCTAAGGAACTGTAC E L Q L H Q I A A L F T V T V P K E L Y	360 30
361 31	ATAATAGAGCATGGCAGCAATGTGACCCTGGAATGCAACTTTGACACTGGAAGTCATGTG I I E H G S N V T L E C N F D T G S H V	420 50
421 51		480 70
481 71	GAAAGAGCCACTTTGCTGGAGGAGCCAGCCCCCTAGGGAAGGCCTCGTTCCACATACCT E R A T L L E E Q L P L G K A S F H I P	5 4 0 90
541 91	CAAGTCCAAGTGAGGGACGAAGGACAGTACCAATGCATAATCATCTATGGGGTCGCCTGG Q V Q V R D E G Q Y Q C I I I Y G V A W	600 110
601 111	GACTACAAGTACCTGACTCTGAAAGTCAAAGCTTCCTACAGGAAAATAAACACTCACATC D Y K Y L T L K V K A S Y R K I N T H I	660 130
661 131	CTAAAGGTTCCAGAAACAGATGAGGTAGAGCTCACCTGCCAGGCTACAGGTTATCCTCTG L K V P E T D E V E L T C Q A T G Y P L	720 150
721 151	GCAGAAGTATCCTGGCCAAACGTCAGCGTTCCTGCCAACACCAGCCACTCCAGGACCCCT A E V S W P N V S V P A N T S H S R T P	780 170
781 171	GAAGGCCTCTACCAGGTCACCAGTGTTCTGCGCCTAAAGCCACCCCCTGGCAGAAACTTC E G L Y Q V T S V L R L K P P P G R N F	840 190
841 191	AGCTGTGTGTTCTGGAATACTCACGTGAGGGAACTTACTT	900 210
901 211	AGTCAGATGGAACCCAGGACCCATCCAACTTGGCTGCTTCACATTTTCATCCCCTCCTGC S Q M E P R T H P T W L L H I F I P S C	960 230
961 231	ATCATTGCTTTCATTTCATAGCCACAGTGATAGCCCTAAGAAAACAACTCTGTCAAAAG I I A F I F I A T V I A L R K Q L C Q K	1020 250

Figure 3B

1021 251	CTGTATTCTTCAAAAGACAACAAAAAGACCTGTCACCACAACAAAGAGGGAAGTGAAC L Y S S K D T T K R P V T T T K R E V N	1080 270
1081 271	AGTGCTGTGAACCTGTGGTCTTGGGAGCCAGGGTGACCTGATATGACATCTAAA S A V N L N L W S W E P G *	1140 284
1141	GAAGCTTCTGGACTGAACAAGAATTCGGTGGCCTGCAGAGCTTGCCATTTTCACTTTT	1200
1201		1260
1261	CTGGCCATGAAACTTGCCCCTTCACTGATCTGGACTCACCTCTGGAGCCTATGGCTTTAA	1320
1321	GCAAGCACTACTGCACTTTACAGAATTACCCCACTGGATCCTGGACCCACAGAATTCCTT	1380
1381	CAGGATCCTTCTTGCTGCCAGACTGAAAGCAAAAGGAATTATTTCCCCTCAAGTTTTCTA	1440
1441		1500
1501		1560
1561	GAGCTCACAGACAGGGCTTCGCACAAACTCAAATCATAATTGACATGTTTTATGGATTAC	1620
1621	TGGAATCTTGATAGCATAATGAAGTTGTTCTAATTAACAGAGAGCATTTAAATATACACT	1680
1681	AAGTGCACAAATTGTGGAGTAAAGTCATCAAGCTCTGTTTTTTGAGGTCTAAGTCACAAAG	1740
1741	CATTTGTTTTAACCTGTAATGGCACCATGTTTAATGGTGGTTTTTTTT	1800
1801	TTTCCTTTAAAAATTATTGGTTTCTTTTTTTTTTTTTCCTTAGAAATCAATTATATA	1860
1861	CAGTCAAAAATATTTGATATGCTCATACGTTGTATCTGCAGCAATTTCAGATAAGTAGCT	1920
1921	AAAATGGCCAAAGCCCCAAACTAAGCCTCCTTTTCTGGCCCTCAATATGACTTTAAATTT	1980
1981	GACTTTTCAGTGCCTCAGTTTGCACATCTGTAATACAGCAATGCTAAGTAGTCAAGGCCT	2040
2041	TTGATAATTGGCACTATGGAAATCCTGCAAGATCCCACTACATATGTGTGGAGCAGAAGG	2100
2101	GTAACTCGGCTACAGTAACAGCTTAATTTGTTAAATTTGTTCTTTATACTGGAGCCATG	2160
2161	AAGCTCAGAGCATTAGCTGACCCTTGAACTATTCAAATGGGCACATTAGCTAGTATAACA	2220
2221	GACTTACATAGGTGGGCCTAAAGCAAGCTCCTTAACTGAGCAAAATTTGGGGCTTATGAG	2280

Figure 3C

2281	AATGAAA	GGGTGTGAAAT	TGACTAACAG	ACAAATCATA	CATCTCAGTT	TCTCAATTCT	CA	2340	
2341	TGTAAAT	CAGAGAATGCC	TTTAAAGAAT	AAAACTCAAT	TGTTATTCTT	CAAAAAAAAA	AA	2400	
2401	AAAAAA	2406							

Figure 4

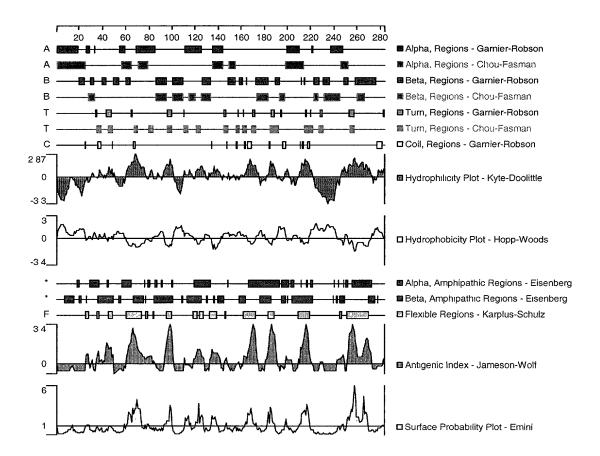


Figure 5A

1 1	GG	CAC	GAG	CTG	TCA	TCC	GTT	TCC	ATG	CCG	FTGA	GGT	CCA	TTC	ACA	GAA	CAC	ATC	CAT M	GGCT A	60 2
61 3	CI L	'CAT M	GCT L	CAG S	TTT L	GGT V	TCT L	GAG S	TCT L	CCI L	'CAA K	GCT L	GGG G	ATC S	AGG G	GCA Q	GTG W	GCA Q	.GGT V	GTTT F	120 22
121 23	GG G	GCC P	AGA: D	CAA K	GCC P	TGT V	CCA Q	GGC A	CTT L	GGT V	'GGG G	GGA E	GGA D	CGC A	AGC A	ATT F	CTC S	CTG C	TTT F	CCTG L	180 42
181 43	TC S	TCC P	TAA K	GAC T	CAA N	TGC A	AGA E	GGC A	CAT M	GGA E	AGT V	GCG R	GTT F	CTT F	CAG R	GGG G	CCA Q	GTT F	CTC S	TAGC S	240 62
241 63	GI V	GGT V	CCA H	CCT L	CTA Y	CAG R	GGA D	.CGG G	GAA K	GGA D	.CCA Q	GCC P	ATT F	TAT M	gca Q	GAT M	GCC P	aca Q	GTA Y	tcaa Q	300 82
301 83	GG G	CAG R	GAC.	AAA K	ACT	GGT V	GAA K	GGA D	TTC S	TAT I	TGC A	GGA E	GGG G	GCG R	CAT I	CTC S	TCT L	GAG R	GCT L	GGAA E	360 102
			_		_	•		_	~	-		_	J		-	J					102
361 103	AA N	CAT I	TAC'	TGT V	GTT L	GGA D	TGC A	TGG G	CCT L	CTA Y	TGG G	GTG C	CAG R	GAT I	TAG S	TTC S	CCA Q	GTC S	TTA Y	CTAC Y	420 122
421	CA	.GAA	GGC	CAT	CTG	GGA	GCT	ACA	GGT	GTC	AGC	ACT	GGG	CTC	AGT	TCC	TCT	САТ	TTC	CATC	480
123	Q	K	A	I	W	E	L	Q	V	S	A	L	G	S	V	P	L	I	S	I	142
481	GC	GGG	ATA'	· TGT'	TGA'	TAG	AGA	CAT	CCA	GCT	ACT	CTG	TCA	GTC	CTC	GGG	CTG	GTT	ccc	CCGG	540
143	A	G	Y	V	D	R	D	I	Q	L	L	С	Q	S	S	G	W	F	P	R	162
541	CC	CAC	AGC	GAA	GTG	GAA	AGG	TCC	ACA	AGG	ACA	GGA	اششش	Gጥር	רמר	AC A	СФС	രമദ	GAC	AAAC	600
163	P	T	A	K	W	K	G	P	Q	G	Q	D	L	S	T	D	s	R	T	N	182
601			~			~~-					·										
601 183	AG R	AGA D	M M	GCA' H	TGG(CCT L	GTT F	TGA D	TGT V	gga E	GAT I	S	$_{ m L}^{ m TCT}$	GAC T	CGT V	CCA.	AGA E	gaa N	CGC A	CGGG G	660 202
												-		_		~					
661	AG	CAT.	ATC	CTG'	TTC	CAT	GCG	GCA'	TGC	TCA	TCT	GAG	CCG	AGA	GGT	GGA	ATC	CAG	GGT.	ACAG	720
203	S	Ι	S	С	S	M	R	H	Α	Н	L	S	R	E	V	Ε	S	R	V	Q	222
721	z m	אממ	7 C 7 (ama	~ 7 (~)	7 7 C	•	~~ x	222	7 (7 7		200	י אי גיווו		7 7 7	2012		аша	mm.c	ACAC	700
223		G G																S			780 242
										~							_	-	-		
781	ΑT	TTA'	TGA	CTC	CTT	rcc.	AAG'	TCT	CTC	ЭТТ	TAT	GGA'	TTT	rTA'	TAT	CCT	GAG	GCC:	CGT	GGGT	840
243	Ι	Y	D	S	F	P	S	L	S	F	M	D	F	Y	Ι	L	R	P	V	G	262
841	CC	CTC(~ N C 7	NGC(ግአ አረ	الساكة	TCT	~ ∧ m/	700	אארי	നഗനം	' א אי	א מינות		^ a mı	mem/	·	יכים	~~m/	GCAT	000
263		C																			900 282
901																		ACT	CAA	AAAG	960
283	F	V	E	K	Ρ	H	S	L	L	Q	I	S	G	G	S	T	Т	L	K	K	302

Figure 5B

961 303	GGTCCCAATCCTTGGTCTTTCCCTTCTCCCTGCGCCCTGTTTCCCACGTGAGCACGGAAC G P N P W S F P S P C A L F P T *	1020 319
1021		1080
1081		1140
1141		1200
1201		1260
1261		1320
1321		1380
1381		1440
1441		1500
1501		1560
1561	TGCAGTGGGAGGTCGACCTCTTGCTCCAGCCCAGATTTCGTCTTCAGTAACTCATGCTT	1620
1621	CCTCTCTCCCCCACCGCACCCCAGTGGAGGTGACTCTGGATCCAGAGACGGCTCACCCGA	1680
1681	AGCTCTGCGTTTCTGATCTGAAAACTGTAACCCATAGAAAAGCTCCTCAGGAGGTGCCTC	1740
1741	. ACTCTGAGAAGAGATTTACAAGGAAGAGTGTGGTGGCTTCTCAGGGTTTCCAAGCAGGGA	1800
1801		1860
1861	ATGACGTAGACAGGGGGAAGAACAATGTGACTTTGTCTCCCAACAATGGGTATTGGGTCC	1920
1921	TCAGACTGACAACAGAACATTTGTATTTCACATTCAATCCCCATTTTATCAGCCTCCCCC	1980
1981	CCAGCACCCCTCCTACACGAGTAGGGGTCTTCCTGGACTATGAGGGTGGGACCATCTCCT	2040
2041	TCTTCAATACAAATGACCAGTCCCTTATTTATACCCTGCTGACATGTCAGTTTGAAGGCT	2100
2101	TGTTGAGACCCTATATCCAGCATGCGATGTATGACGAGGAAAAGGGGGACTCCCATATTCA	2160
2161		2220

Figure 5C

2221	GACCCAGACAGCCAAGGGAGAGTGCTCCCGACAGGTGGCCCCAGCTTCCTCCCGGAG	2280
2281		2340
2341		2400
2401		2460
2461		2520
2521		2580
2581		2640
2641	ATACATTTTCCCCACCATAAAACTCTGTTTGCCTTAATTCCCACATTAATTTAACTTTTC	2700
2701		2760
2761		2820
2821		2880
2881		2940
2941		3000
3001		150

Figure 6

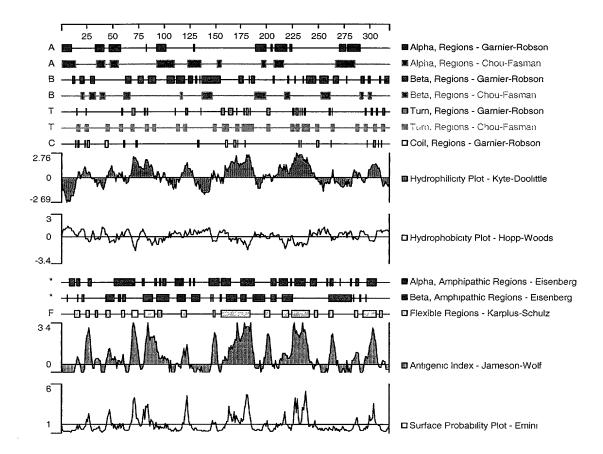


Figure 7A

1	NNCACGAGCCTGTGCCCCTGGAAAGGTTGGAGACTTGGGGGACGACTGGAGAATTGCCAT	60
61		120
121 1		180 16
181 17		240 36
241 37		300 56
30 1 57		360 76
361 77	TGTATAAGGGTGGGAGAGAACAGAGGAGCAGATGGAGGAGTACCGGGGAAGAATCA Y K G G R E R T E E Q M E E Y R G R I T	420 96
421 97	CCTTTGTGAGCAAAGACATCAACAGGGGCAGCGTGGCCCTGGTCATACATA	480 116
481 117	CCCAGGAGAATGGGATCTACCGCTGTTACTTCCAAGAAGGCAGGTCCTACGATGAGGCCA Q E N G I Y R C Y F Q E G R S Y D E A I	540 136
541 137	TCCTACGCCTCGTGGTGGCAGGCCTTGGGTCTAAGCCCCTCATTGAAATCAAGGCCCAAG L R L V V A G L G S K P L I E I K A Q E	600 156
601 157	AGGATGGGAGCATCTGGAGGTGCATATCTGGAGGGTGGTACCCAGAGCCCCTCACAG D G S I W L E C I S G G W Y P E P L T V	660 176
661 177	TGTGGAGGACCCCTACGGTGAGGTTGTGCCCGCCCTGAAGGAGGTTTCCATCGCTGATG W R D P Y G E V V P A L K E V S I A D A	720 196
721 197	CTGACGGCCTCTTCATGGTCACCACAGCTGTGATCATCAGAGACAAGTATGTGAGGAATG D G L F M V T T A V I I R D K Y V R N V	780 216
	TGTCCTGCTCTGTCAACAACACCCTGCTCGGCCAGGAGAAGGAAACTGTCATTTTTATTC S C S V N N T L L G Q E K E T V I F I P	
8 4 1 237	CAGAATCCTTTATGCCCAGCGCATCTCCCTGGATGGTGGCCCTAGCTGTCATCCTGACCG E S F M P S A S P W M V A L A V I L T A	900 256
901 257		960 276

Figure 7B

961 277	TCAGCATCTGTTGCATCAAGAAACTTCAAAGGGAAAAAAAGATTCTGTCAGGGGAAAAGA S I C C I K K L Q R E K K I L S G E K K	1020 296
1021 297	AAGTTGAACAAGAGAAAAAGAAATTGCACAGCAACTTCAAGAAGAATTGCGATGGAGAA VEQEEKEIAQQLQEELRWRR	1080 316
1081 317	GAACATTCTTACATGCTGCTGATGTGGTCCTGGATCCAGACACCGCTCATCCCGAGCTCT T F L H A A D V V L D P D T A H P E L F	1140 336
1141 337	TCCTGTCAGAGGACCGGAGAAGTGTGAGGCGGGGCCCCTACAGGCAGAGAGTGCCTGACA L S E D R R S V R R G P Y R Q R V P D N	1200 356
1201 357	ACCCAGAGAGATTCGACAGTCAGCCTTGTGTCCTGGGATGGGAGAGCTTCGCCTCAGGGA PERFDSQPCVLGWESFASGK	1260 376
1261 377	AACATTACAGGGGAAACTTCACAGAGTGGGGACCCACCAGAGCCTATAGAATCAATTCCT H Y R G N F T E W G P T R A Y R I N S L	1320 396
1321 397	TGGACTCACAGCCATGCAGAAAGCCCTGGCCATCTCAGCAGCCACCGCACAACCCCCCTA DSQPCRKPWPSQQPPHNPPN	1380 416
1381 417	ATGAAAGACACGCCCTCCCCCTCTGGTCACGTAAGAGAACATCTTCCAGCTGCCTTTT ERHALLPSGHVREHLPAAFF	1440 436
1441 437		1500 455
1501		1560
1561	CTCCCAGTCAAAAAGAAAGTGAGAGAAGCTGTTTGGGCAGCGAACCTACTGTTTAAAATCA	1620
1621		1680
1681	GCCAACAGGGTTCACCAGGATGAGAGAGGAGGAGGAGGAATCCACAGGACCACCAGAAGGGA	1740
1741	GAGGGAACCAGATATGCAGATCAGAGATAGAGGAAGTGTTGAGAGGAAAGGGGAGGTCCT	1800
1801	GCTGATTCCTCAGAATGGCTTCTGGACCCTGGAGATGTTTGGAAACCAATACCGGGCCCT	1860
1861	GTCCTCCCTGAGAGGATTCTCCCTTTGAAGGAGTCCCTTTGCCGGGTGGGCGTCTTCCT	1920
1921	GGACTATGAAGCTGGAGATGTCTCCTTCTACAACATGAGGGACAGATCACACATCTACAC	1980
1981	ATGTCCCCGTTCAGCCTTTAATGTGCCTGTGAGGCCATTCTTCAGGTTAGGGTCTGATGA	2040

Figure 7C

2041	CAGCCCCATCTTCATCTGCCCTGCACTCACAGGAGCCAGTGGGGTCATGGTGCCTGAAGA	2100
2101		2160
2161		2220
2221	. CAGCACACCCCACAGGCCTGGACCTGGGATGAAGATGAATGA	2280
2281	GGATGTGGTTTGGCTCAGATGTCCCTGCAATAAACAAGGGGTCAGTACTTAGTCCCTGAG	2340
2341	$. \\$ $TGTGGTTGAGGTTCTGGTCGAGCAGGGCAGTACTGGACCAGGTCTACGTCAGC$	2400
2401	. $ \texttt{ATTCAGGTTCAATGGGGACACCAGTGGCTTCAAACTTCCTGATCTAATTATGTTTTTAGA} $	2460
2461	CACTTAGAAGTTATTGAGGACTTTAAAGAACTTTTGTTTATTTGGGTTAATATTTATGAC	2520
2521	ATTTGACCATTGAAACAAAAATTTAAAATGTTATCTTTTAATTTATGTTAAAAATAGCATT	2580
2581	AATAAATCAGTTATAGGTTAATGTAGATAGGATGTTTTGTGAAAAAAGCAATCTATTGTGT	2640
2641	CCAAATAAAAACAAAAACTGTAAAAAAAAAAAAAAAAAA	

Figure 8

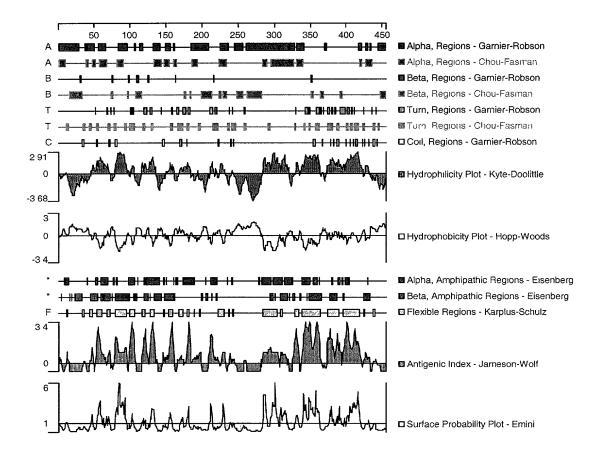


Figure 9A

1	CGATTCGGCTCCAAACTCCGGCGCTGCAGCCGATCGGACTCTGGGCCGCGGTGGGCACCG	60
61		120
121		180
181 1		240 8
241 9		300 28
301 29		360 48
361 49	AGGCTGCCCGAGGTCCGGATCTCAGACAATGGTCCCTATGAGTGCCATGTGGGCATCTAC R L P E V R I S D N G P Y E C H V G I Y	420 68
421 69	GACCGCGCCACCAGGGAGAAGGTGGTCCTGGCATCAGGCAACATCTTCCTCAACGTCATG D R A T R E K V V L A S G N I F L N V M	480 88
481 89	GCTCCTCCACCTCCATTGAAGTGGTGGCTGCTGACACCAGCCCCCTTCAGCCGCTAC A P P T S I E V V A A D T P A P F S R Y	540 108
541 109		600 128
601 129	TATTTCAAACGAGATGGGGAACCAATCGACGCAGTGCCCCTATCAGAGCCACCAGCTGCG Y F K R D G E P I D A V P L S E P P A A	660 148
661 149	AGCTCCGGCCCCTACAGGACAGCAGGCCCTTCCGCAGCCTTCTGCACCGTGACCTGGAT S S G P L Q D S R P F R S L L H R D L D	720 168
721 169		780 188
781 189		
841 209	ACAGAGAACATACCAGAGACGGTCGTGAGCCGTGAGTTTCCCCGCTGGGTCCACAGCGCC T E N I P E T V V S R E F P R W V H S A	900 228
901 229		960 248
961 249		1020 268

Figure 9B

1021	GA	GGI	CAA	.GCA	.ccc	AGC	TCT	GTC	GAT	GCC	CAT	GCA	GGC	AGA	.GGT	CAC	GCT	GGT	TGC	cccc	1080
269	Ε	V	K	н	P	A	L	S	M	P	М.	Q	A	E	V	Т	L	V	A	P .	288
1081	AA	AGG	ACC	CAA	TAA	TGT	GAT	GAC	GCC	CAG	CAG	AGC	CCG	GGT	'AGG	GGA	CAC	AGT	GAG	GATT	1140
289	K	G	P	K	I	V	м.	T	P	S	R	A	R	٧ .	G	D	Т.	V	R	Ι.	308
1141	CT	GGT	CCA	TGG	GTT	TCA	GAA.	CGA	AGT	CTT	CCC	GGA	GCC	CAT	GTT	CAC	GTG	GAC	GCG	GGTT	1200
309	L	V	H	G	F	Q	N .	E	V	F	P	E	P	M	F	T	W.	T	R	٧ .	328
1201	GG	GAG	CCG	CCT	CCT	GGA	.CGG	CAG	CGC	TGA	GTT	CGA	CGG	GAA	.GGA	GCT.	GGT	GCT	GGA	GCGG	1260
329	G	S	R	L	L	D	G	S	A	Ε	F	D	G	К .	Ε	L	v	L	Е	R .	348
1261	GT	TCC	CGC	CGA	GCT.	CAA	TGG.	CTC	CAT	GTA	TCG	CTG	CAC	CGC	CCA	GAA	.CCC	ACT	GGG	CTCC	1320
349	V	P	A	E	L	N	G	S	M	Y	R	С	T	A	Q	N	Р.	L	G	s	368
1321	AC	CGA	.CAC	GCA	CAC	CCG	GCT	CAT	CGT	GTT	TGA	AAA	CCC	AAA	TAT.	CCC	AAG	AGG	AAC	GGAG	1380
369	T	D	Т	H	Т	R	L	I	V	F	E .	N	P		Ι	P	R	G	Т	E .	388
1381					TTC			CCC								GGT	GCT	CGC	CCT	GACA	1440
389	D	S	N	G	S	Ι	G	P	Т	G		R	L	T·	L	V	L	A	L	т .	408
1441 409				'GGA E		GAC T	GTG *	AAG	GCA	ccc	GCC	CCG	GCC	ACT	'CCA	TCA	.GGC	ACT	GAC.	ATCT	1500 415
1501	CC	GCG	ACC	GGT	TTT	CAT	TTC	TTT	TCT	AAA	CTA	TTT	CCA	GTC	TTG	TTC	TTA	GTC	TCT	TTCC	1560
1561																	•			CACA	1620
1621							AAA										AAA 724		AAA	AAAA	1680

Figure 10

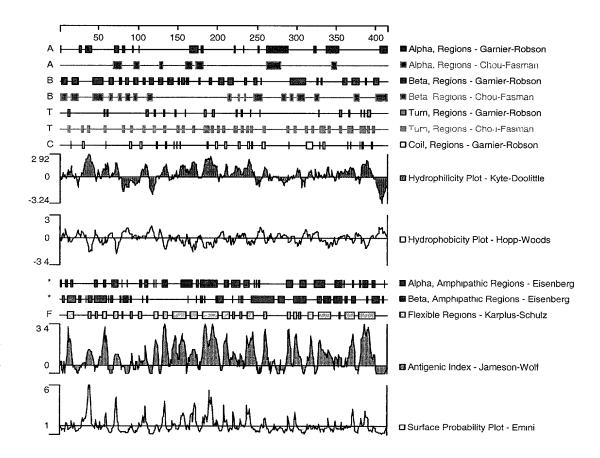


Figure 11

1	CACGAGCCTGTGCCCCTGGAAAGGTTGGAGACTTGGGGGGACGACTGGAGAATTGCCATTT	60
61	GAGGACCAAAGGAGAAAACTACACGCTAATTCTAGAAGGCCTCCTGTCCCTGCCTG	120
121 1		180 16
181 17		240 36
241 37	CCCATCCTGGCCATGGTGGGAGAAAACACTACGTTACGATGCTGTCTGT	300 56
301 57	AATGCTGAGGACATGGAGGTGCGGTGGTTCCAGTCTCAGTTCTCCCCTGCAGTGTTTGTG N A E D M E V R W F Q S Q F S P A V F V	360 76
361 77	TATAAGGGTGGAAGAGAACAGAGGAGGAGGAGGAGTACCGAGGGAGAACCACC Y K G G R E R T E E Q K E E Y R G R T T	420 96
421 97		480 116
481 117	GATAACGGCATCTACCAGTGTTACTTCCAAGAAGGCAGGTCCTGCAATGAGGCCATCCTG D N G I Y Q C Y F Q E G R S C N E A I L	540 136
541 137	CACCTTGTGGTGGCAGACCAGCACAATCCTCTTTCCTGGATCCCCATTCCGCAGGGGACA	600 156
601 157		660 160
661		720
721	AGTTGAGGCCATGAGCCGGGGGAAAATGGTGAATCTCGGAAGAGAGAG	780
781		840
841		900
901		960
961	AAGTAGAGCGTTTTATTAAAGCAAGACTTAATACAGAAGCAAAAAAAA	19

Figure 12

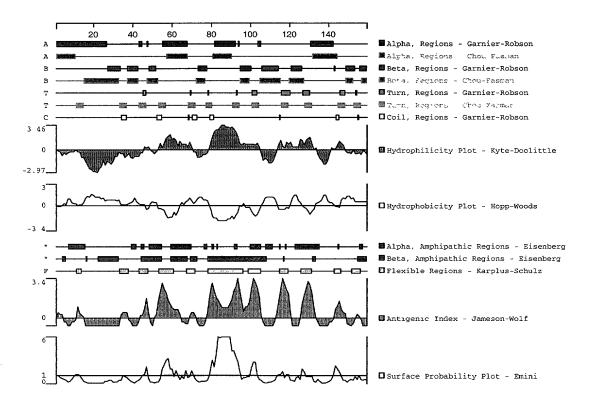


Figure 13A

1 1	ACATCCATGCTCTAATGCTCAGTTTTGGTTCTGAGTCTCCTCAAGCTGGGATCAGGGCAC M A L M L S L V L S L L K L G S G Q	G 60 18
61 19	TGGCAGGTGTTTGGGCCAGACAAGCCTGTCCAGGCCTTGGTGGGGGAGGACGCAGCATTCWQVFGPDKPVQALVGEDAAF	C 120 38
121 39	TCCTGTTTCCTGTCTCCTAAGACCAATGCAGAGGCCATGGAAGTGCGGTTCTTCAGGGGC S C F L S P K T N A E A M E V R F F R G	C 180 58
181 59	CAGTTCTCTAGCGTGGTCCACCTCTACAGGGACGGGAAGGACCAGCCATTTATGCAGATQ F S S V V H L Y R D G K D Q P F M Q M	G 240 78
241 79	CCACAGTATCAAGGCAGACAAAACTGGTGAAGGATTCTATTGCGGAGGGGCGCATCTCTPQYQGRX	I 300 98
301 99	CTGAGGCTGGAAAACATTACTGTGTTGGATGCTGGCCTCTATGGGTGCAGGATTAGTTCCLRLENITVLDAGLYGCRISS	C 360 118
361 119	CAGTCTTACTACCAGAAGGCCATCTGGGAGCTACAGGTGTCAGCACTGGGCTCAGTTCCCQ S Y Y Q K A I W E L Q V S A L G S V P	F 420 138
421 139	CTCATTTCCATCACGGGATATGTTGATAGAGACATCCAGCTACTCTGTCAGTCCTCGGGCL I S I T G Y V D R D I Q L L C Q S S G	C 480 158
481 159	TGGTTCCCCCGGCCCACAGCGAAGTGGAAAGGTCCACAAGGACAGGATTTGTCCACAGAGWFPRRTAKWKGPQGQDLSTD	C 540 178
541 179	TCCAGGACAAACAGAGACATGCATGGCCTGTTTGATGTGGAGATCTCTCTGACCGTCCAGS R T N R D M H G L F D V E I S L T V Q	- A 600 198
601 199	GAGAACGCCGGGAGCATATCCTGTTCCATGCGGCATGCTCATCTGAGCCGAGAGGTGGAIENNAGSISCSMRHAHLSREVE	A 660 218
661 219	TCCAGGGTACAGATAGGAGATACCTTTTTCGAGCCTATATCGTGGCACCTGGCTACCAAAS R V Q I G D T F F E P I S W H L A T K	A 720 238
721 239	GTACTGGGAATACTCTGCTGTGGCCTATTTTTTGGCATTGTTGGACTGAAGATTTTCTTCVLGILCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	C 780 258
781 259		
8 4 1 279		C 900 298
901 299		

Figure 13B

961		1020
319	PHSEKRFTRKSVVASQSFQA	338
1021 339	GGGAAACATTACTGGGAGGTGGACGGAGGACACAATAAAAGGTGGCGCGTGGGAGTGTGC G K H Y W E V D G G H N K R W R V G V C	1080 358
333		
1081 359	CGGGATGATGTGGACAGGAGGAAGGAGTACGTGACTTTGTCTCCCGATCATGGGTACTGG	1140 378
339	R D D V D K K E I V I B S I D II G I W	370
1141	GTCCTCAGACTGAATGGAGAACATTTGTATTTCACATTAAATCCCCGTTTTATCAGCGTC V L R L N G E H L Y F T L N P R F I S V	1200 398
379	V L R L N G E H L Y F T L N P R F I S V	390
1201	TTCCCCAGGACCCCACCTACAAAAATAGGGGTCTTCCTGGACTATGAGTGTGGGACCATC F P R T P P T K I G V F L D Y E C G T I	1260 418
399	F P R T P P T K I G V F L D Y E C G T I	410
1261	TCCTTCTTCAACATAAATGACCAGTCCCTTATTTATACCCTGACATGTCGGTTTGAAGGC	1320
419	SFFNINDQSLIYTLTCRFEG	438
1321	TTATTGAGGCCCTACATTGAGTATCCGTCCTATAATGAGCAAAATGGAACTCCCAGAGAC	1380
439	LLRPYIEYPSYNEQNGTPRD	458
1381	AAGCAACAGTGAGTCCTCCACAGGCAACCACGCCCTTCCTCCCCAGGGGTGAAATGTA	1440
459	K Q Q *	462
1441	GGATGAATCACATCCCACATTCTTCTTTAGGGATATTAAGGTCTCTCTC	1500
1501		1560
1501	GTCCCGCAGCAGCCGGCCAAGGTGGCTTCCAGATGAAGGGGGGACTGGCCTGTCCACATGG	1300
1561	GAGTCAGGTGTCATGGCTGCCCTGAGCTGGGAGGGAAGAAGGCTGACATTACATTTAGTT	1620
1621		1680
1021		1000
1681	AGGAATTCCCATCTCACAGGCTGTGGTGTAGATTAAGTAGACAAGGAATGTGAATAATGC	1740
1741	TTAGATCTTATTGATGACAGAGTGTATCCTAATGGTTTGTTCATTATATTACACTTTCAG	1800
7,41		2000
1801	тааааааааааааааааааааааааааааааааааа 1833	

Figure 14

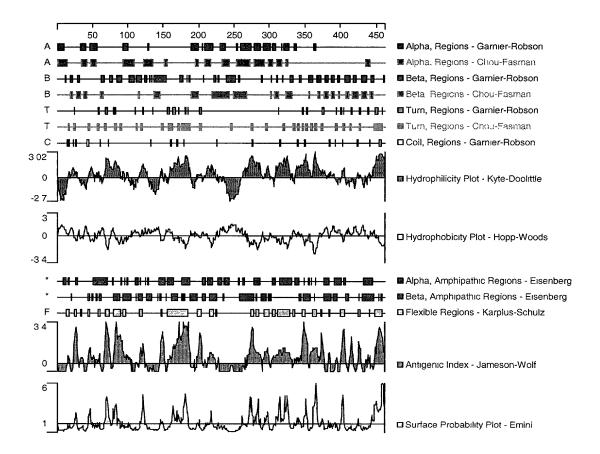


Figure 15

